



UHERO

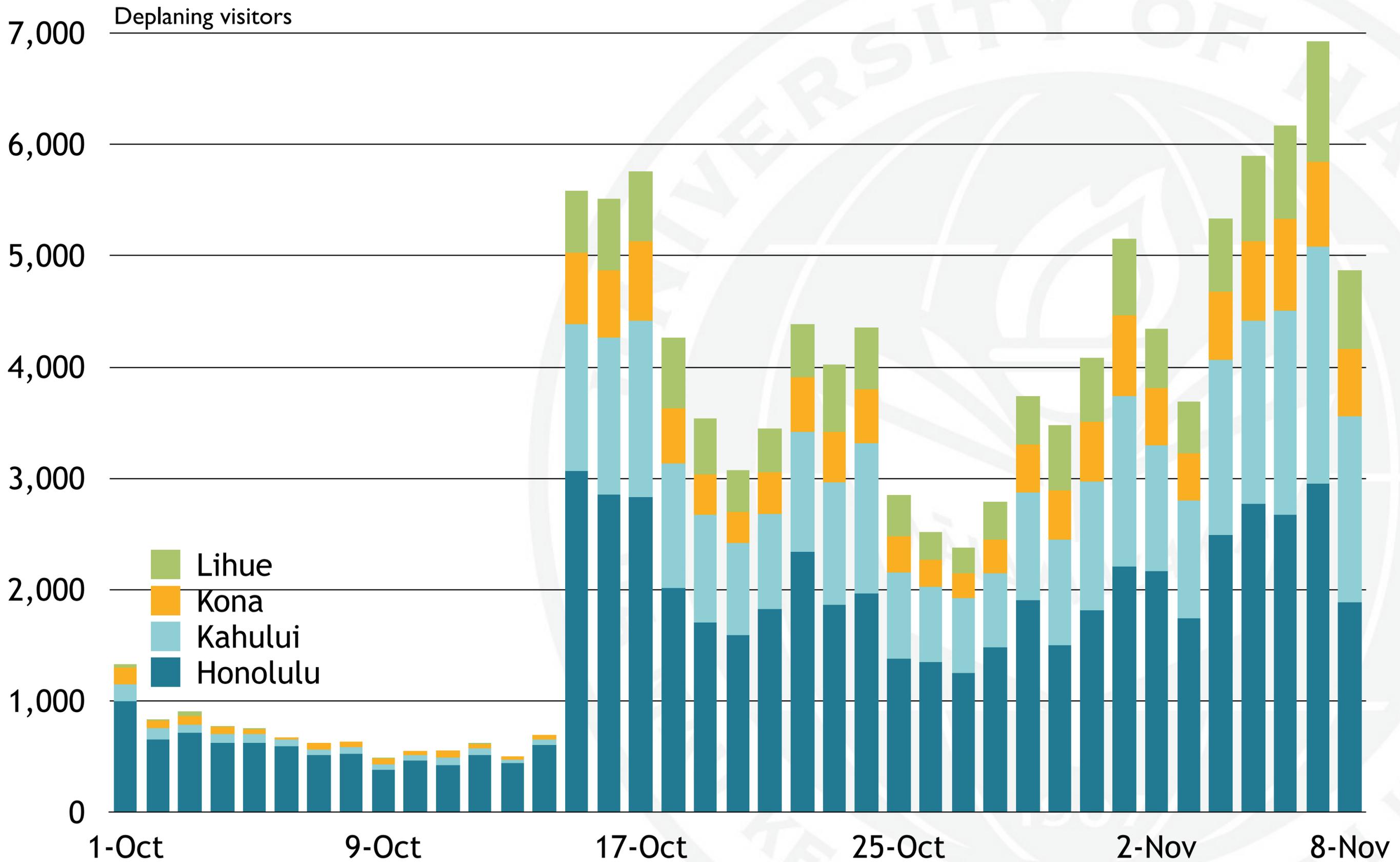
THE ECONOMIC RESEARCH ORGANIZATION
AT THE UNIVERSITY OF HAWAII

Hawaii Select Committee Update

Dr. Carl Bonham
Executive Director, UHERO

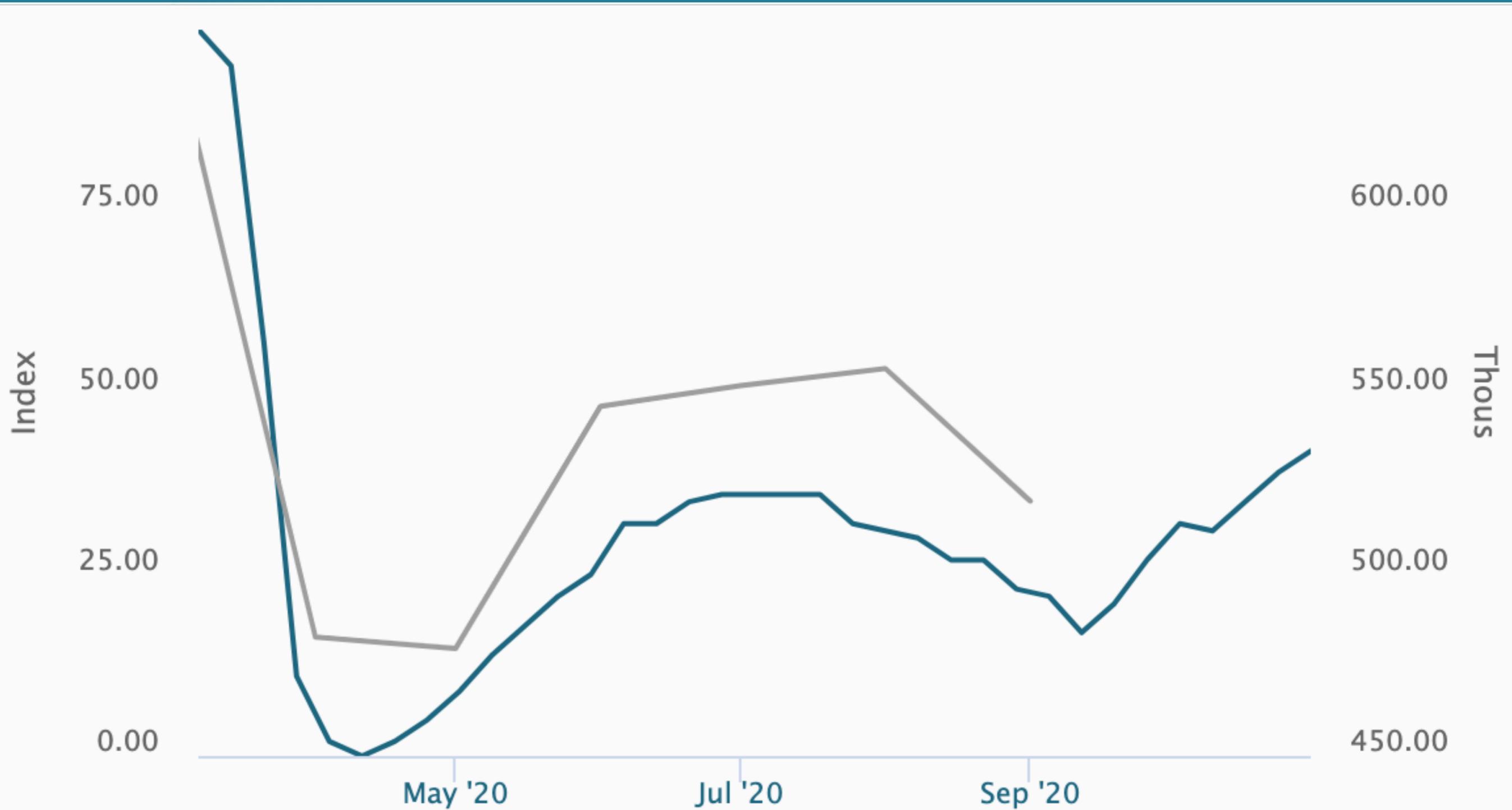
November 9, 2020

Daily visitors exceed expectations with Safe Travels Hawaii



Source: OETS via HTA. <https://tinyurl.com/UHEROdailyvis>
<https://uhero.hawaii.edu/pre-travel-testing-and-hawaiis-daily-trans-pacific-visitors/>

Cautiously Optimistic— labor market conditions improving



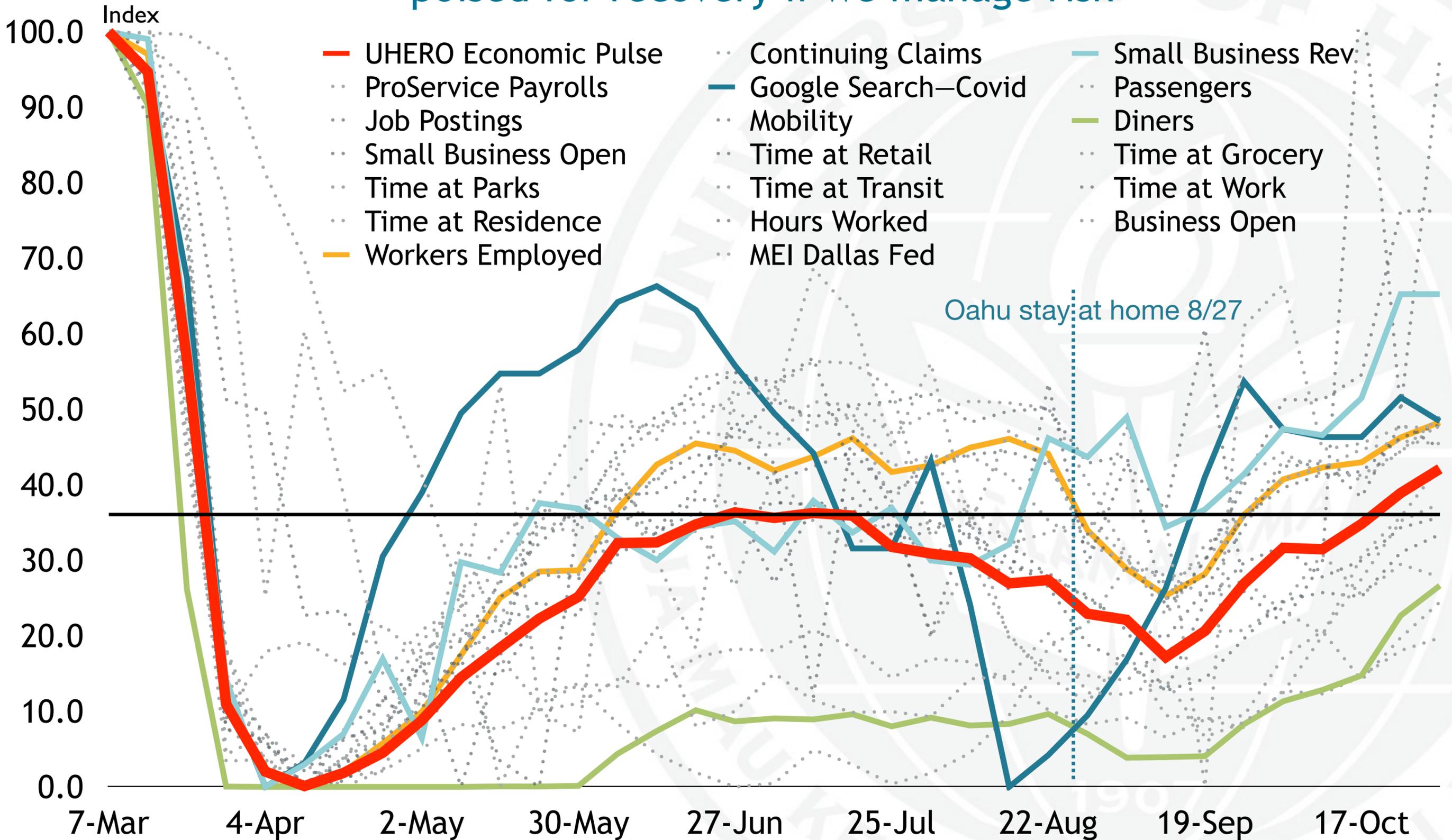
— UHERO Economic Pulse (Index) (State of Hawaii; Weekly; Not Seasonally Adjusted) (left)
— Employment (Thous) (State of Hawaii; Monthly; Seasonally Adjusted) (right)

Source: data.uhero.hawaii.edu
<https://tinyurl.com/UHERO-UEPvsEMPL>



Economic Pulse points to nascent recovery

poised for recovery if we manage risk



Source: <https://uhero.hawaii.edu/nowcasting-the-trajectory-of-the-covid-19-recovery-the-weekly-uhero-economic-pulse/>
<https://data.uhero.hawaii.edu/#/category?sa=true&start=2020-02-29>

Honolulu approaching threshold for return to Tier 1

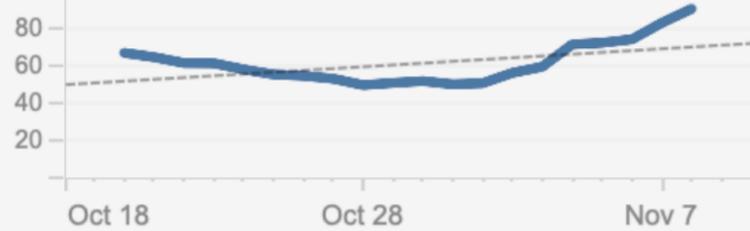
only two weeks to reverse this trend

7-Day Avg of New Cases

Region: Honolulu Cou... ▾

90.0

As of Nov 8



ICU Occupancy Rate

State Value

61%

As of Nov 6

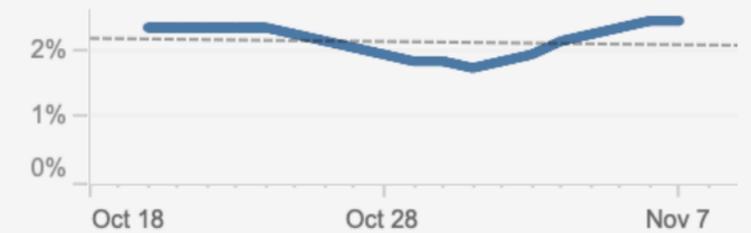


7-Day Avg of % Tests Yielding Positive Results

Region: State ▾

2.4%

As of Nov 7



Rate of Transmission

State Value

1.0

As of Nov 7

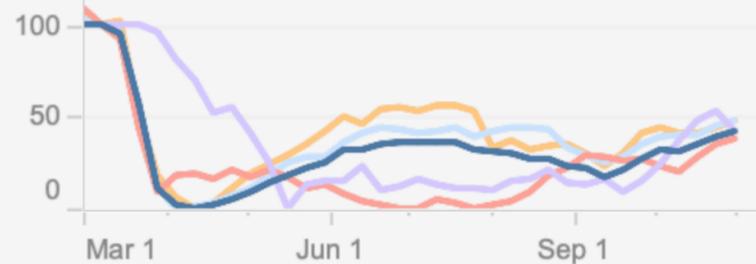


UHERO Economic Pulse Index

State Value

42 ↑

As of Oct 31



Timeliness of Contact Tracing Interviews

Not Currently Reported by DOH

Source: covidpau.org

November 9, 2020

WWW.UHERO.HAWAII.EDU

UHERO

With universal masks we can avoid a summer repeat



Hawaii



Total deaths

Daily deaths

Infections and testing

Hospital resource use

Mask use

Social distancing

Daily infections and testing

Trend

Compare

Map

Estimated infections are the number of people we estimate are infected with COVID-19 each day, including those not tested.

Estimated infections

Confirmed infections

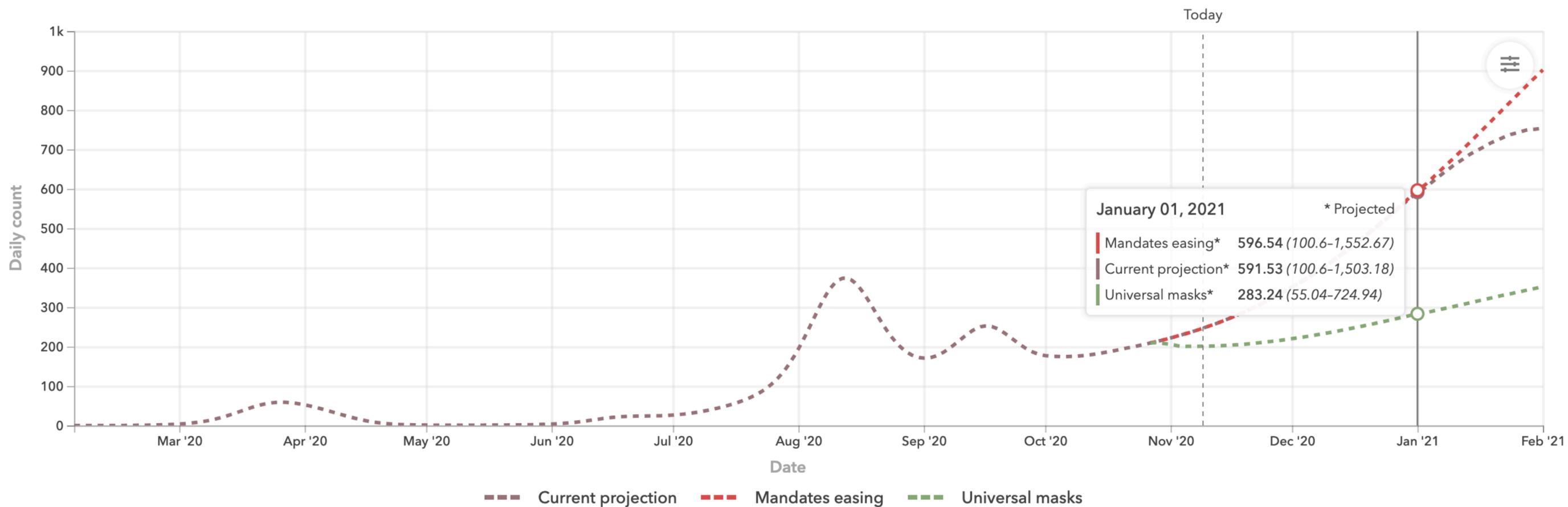
Tests

Scenario ⓘ

Projection x

Easing x

Masks x



Source: <https://covid19.healthdata.org/united-states-of-america/hawaii?view=mask-use&tab=trend>

Cluster report for past 14 days

State of Hawai'i - Weekly COVID-19 Cluster Report - November 4, 2020

COVID-19 Cluster Tables

City & County of Honolulu

COVID-19 Clusters Under Investigation in Last 14 Days by Exposure Setting

November 4, 2020

Exposure Category	Clusters (#)	Cases Associated with Primary Setting (#)	Linked Cases Outside Primary Setting (#)
<i>Congregate Settings</i>			
Correctional Facilities	1	514	46
Educational Settings	3	9	1
<i>Shelters</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Food Service, Production, and Distribution</i>			
<i>Bars & Nightclubs</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Food Suppliers</i>	<i>0</i>	<i>0</i>	<i>0</i>
Restaurants	3	12	5
<i>Occupational Settings</i>			
Construction & Industrial	1	2	2
<i>Other Occupational Settings</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Travel, Lodging, & Tourism</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Social and Recreational Activities</i>			
Social Gatherings	1	7	0
<i>Places of Worship</i>	<i>0</i>	<i>0</i>	<i>0</i>
<i>Other</i>			
<i>Other:</i>	<i>0</i>	<i>0</i>	<i>0</i>

Cluster report for past 14 days

State of Hawai'i - Weekly COVID-19 Cluster Report - November 4, 2020

Hawai'i County
COVID-19 Clusters Under Investigation in Last 14 Days by Exposure Setting
November 4, 2020

Exposure Category	Clusters (#)	Cases Associated with Primary Setting (#)	Linked Cases Outside Primary Setting (#)
<i>Congregate Settings</i>			
<i>Correctional Facilities</i>	0	0	0
Educational Settings	1	40	29
<i>Shelters</i>	0	0	0
<i>Food Service, Production, and Distribution</i>			
<i>Bars & Nightclubs</i>	0	0	0
<i>Food Suppliers</i>	0	0	0
Restaurants	1	15	4
<i>Occupational Settings</i>			
<i>Construction & Industrial</i>	0	0	0
<i>Other Occupational Settings</i>	0	0	0
Travel, Lodging, & Tourism	1	10	0
<i>Social and Recreational Activities</i>			
Social Gatherings	1	9	0
<i>Places of Worship</i>	0	0	0
<i>Other</i>			
Other: Apartment Complexes	2	64	0

Cluster report for past 14 days

State of Hawai'i - Weekly COVID-19 Cluster Report - November 4, 2020

Maui County

COVID-19 Clusters Under Investigation in Last 14 Days by Exposure Setting

November 4, 2020

Exposure Category	Clusters (#)	Cases Associated with Primary Setting (#)	Linked Cases Outside Primary Setting (#)
<i>Congregate Settings</i>			
<i>Correctional Facilities</i>	0	0	0
<i>Educational Settings</i>	0	0	0
<i>Shelters</i>	0	0	0
<i>Food Service, Production, and Distribution</i>			
<i>Bars & Nightclubs</i>	0	0	0
<i>Food Suppliers</i>	0	0	0
<i>Restaurants</i>	0	0	0
<i>Occupational Settings</i>			
<i>Construction & Industrial</i>	0	0	0
<i>Other Occupational Settings</i>	0	0	0
<i>Travel, Lodging, & Tourism</i>	0	0	0
<i>Social and Recreational Activities</i>			
<i>Social Gatherings</i>	0	0	0
<i>Places of Worship</i>	0	0	0
<i>Other</i>			
Other: Lanai Community Cluster	1	105	0

INTERIM FORECAST UPDATE

COVID-19 Will Impose Significant Economic Impacts in Hawaii

The spread of the novel coronavirus and recent visitor falloff lead us to lower sharply our outlook for the Hawaii economy.

READ MORE

Interim Forecast Update
COVID-19 Will Impose Significant Economic Impacts in Hawaii

Analytics
Hawaii's State Passenger Counts

UHERO State Forecast Update
Coronavirus Presents Danger to Hawaii Tourism

UHERO REPORT
A New Perspective on Hawaii's Economy

PROJECT ENVIRONMENT
'Ike Wai: Informing Water Policy in Hawaii